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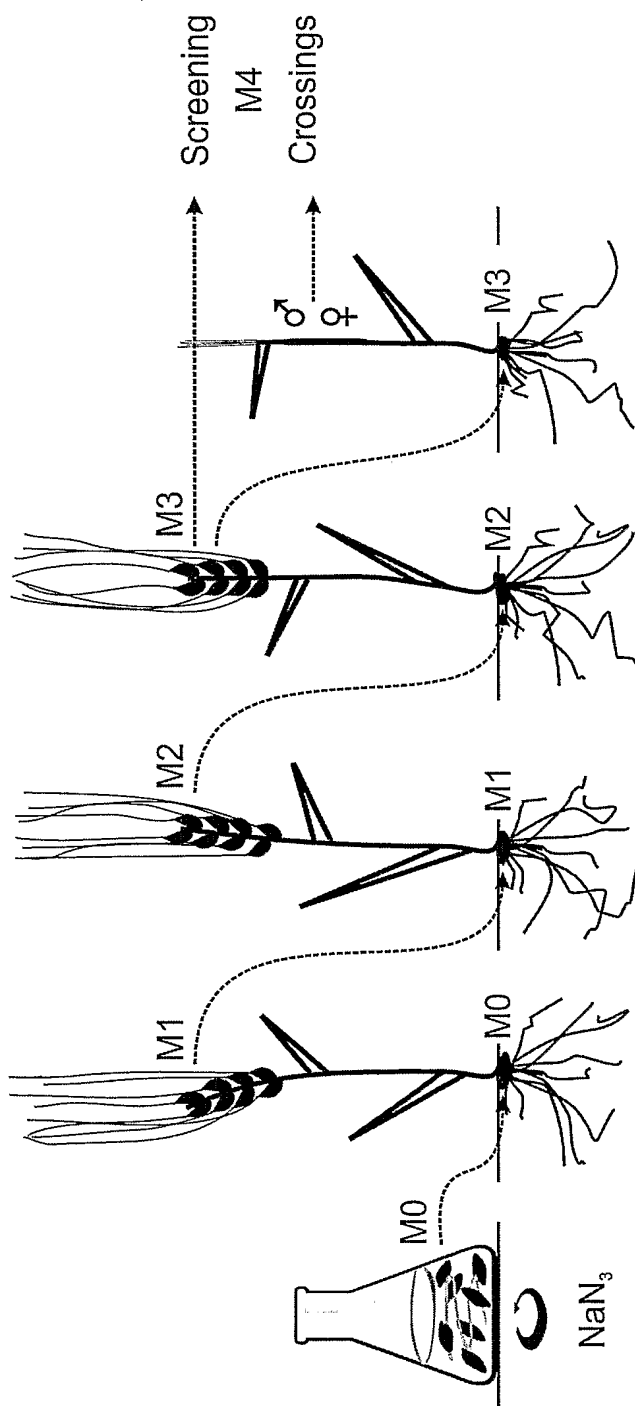


Fig. 1A

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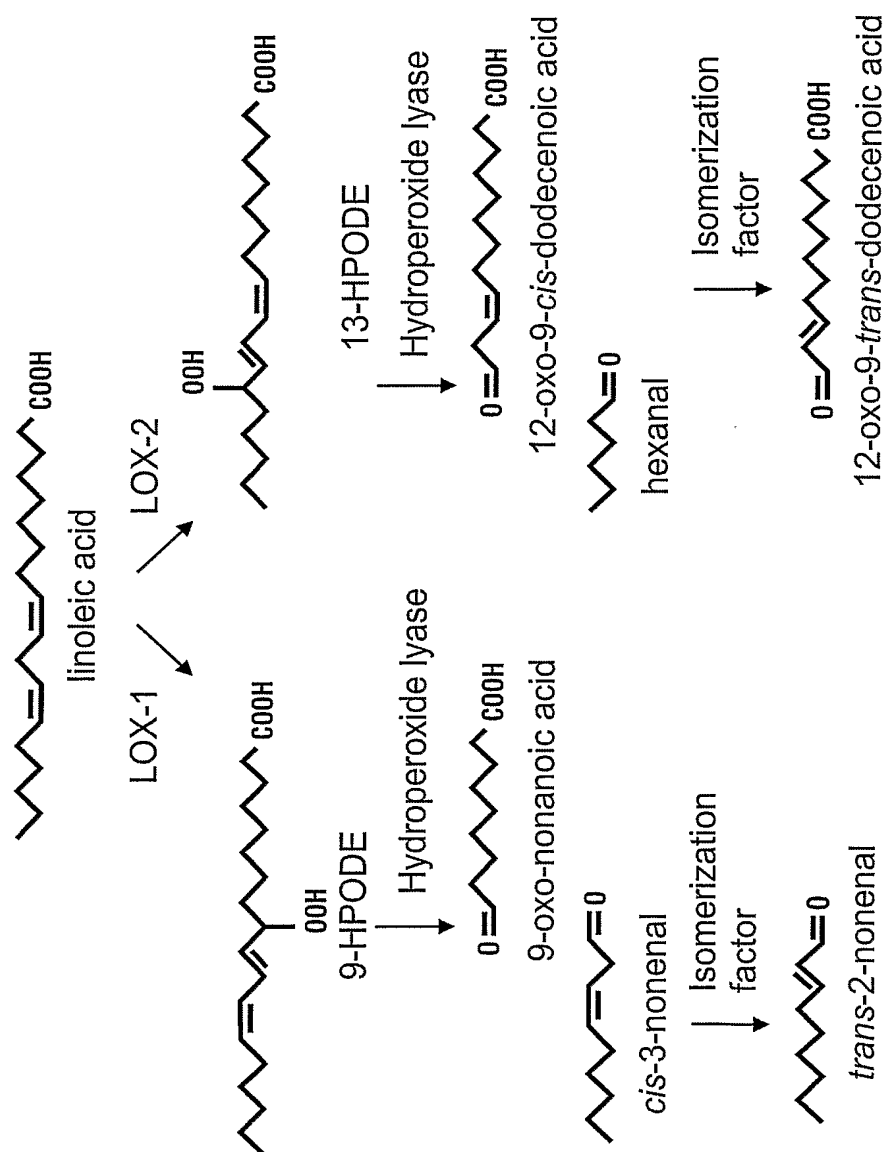


Fig. 1B

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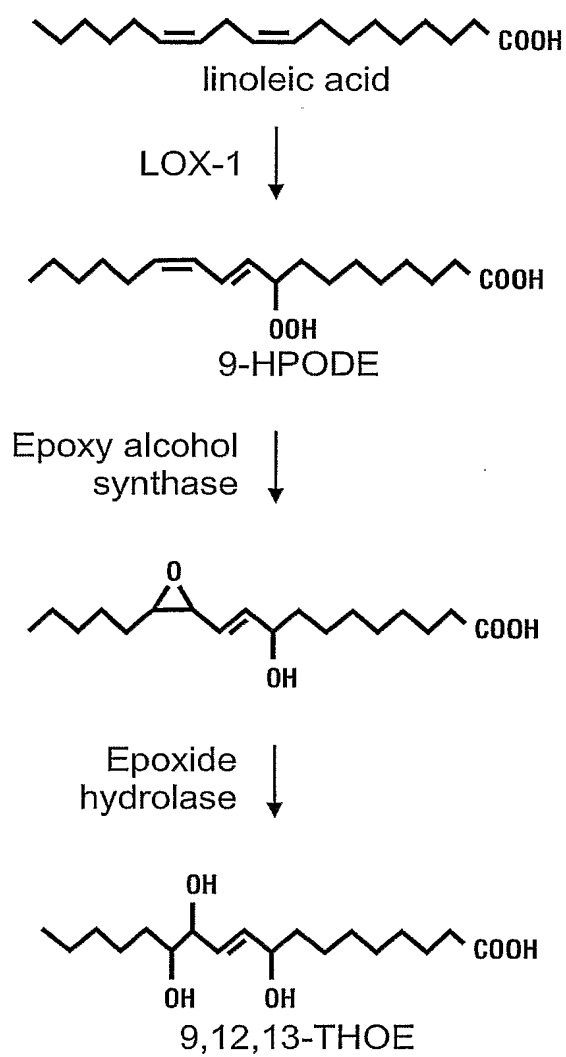


Fig. 1C

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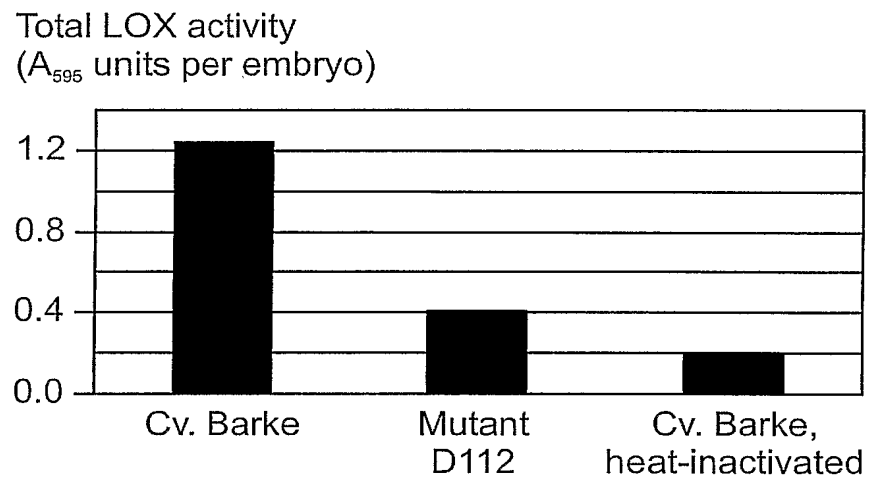


Fig. 2

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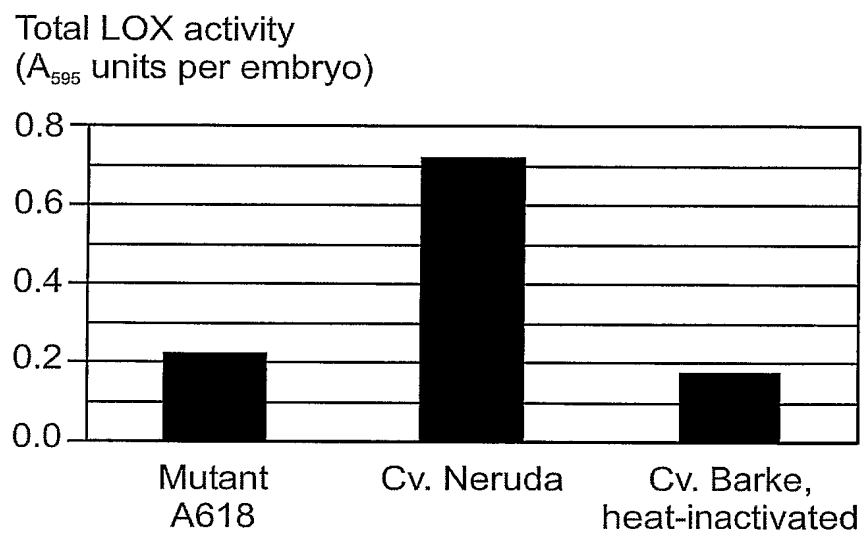


Fig. 3

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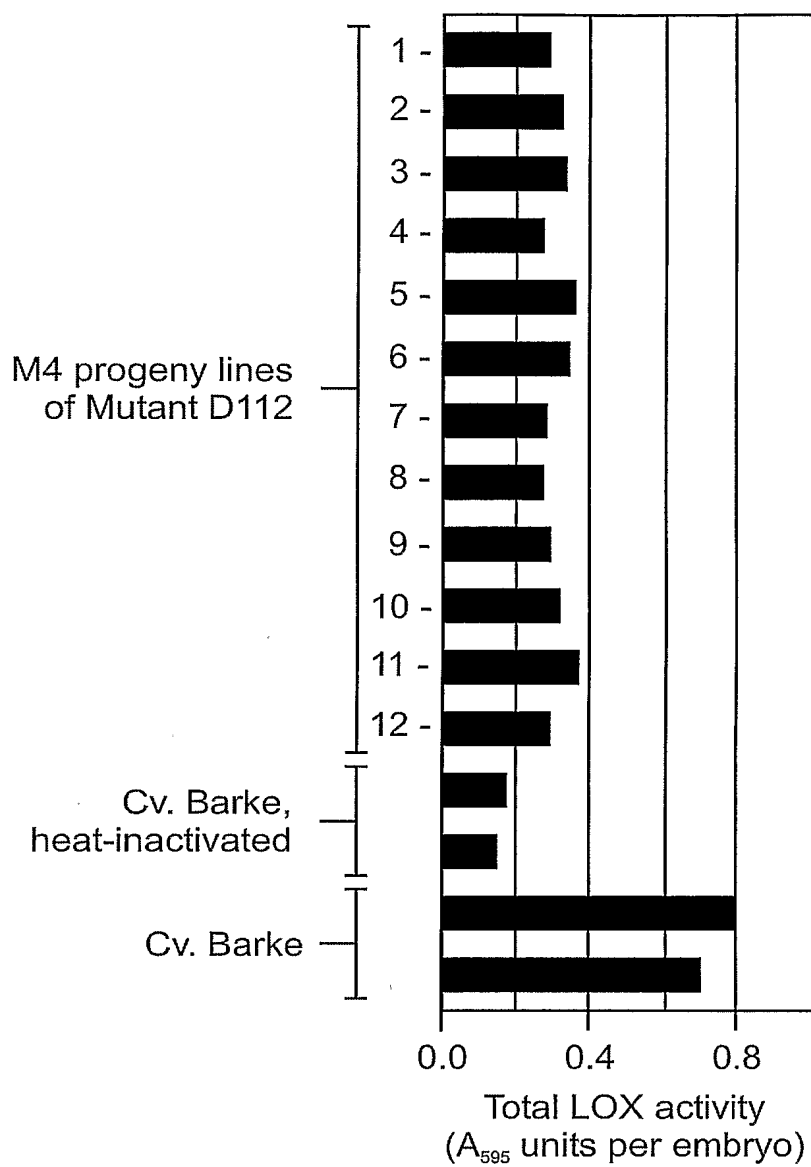


Fig. 4

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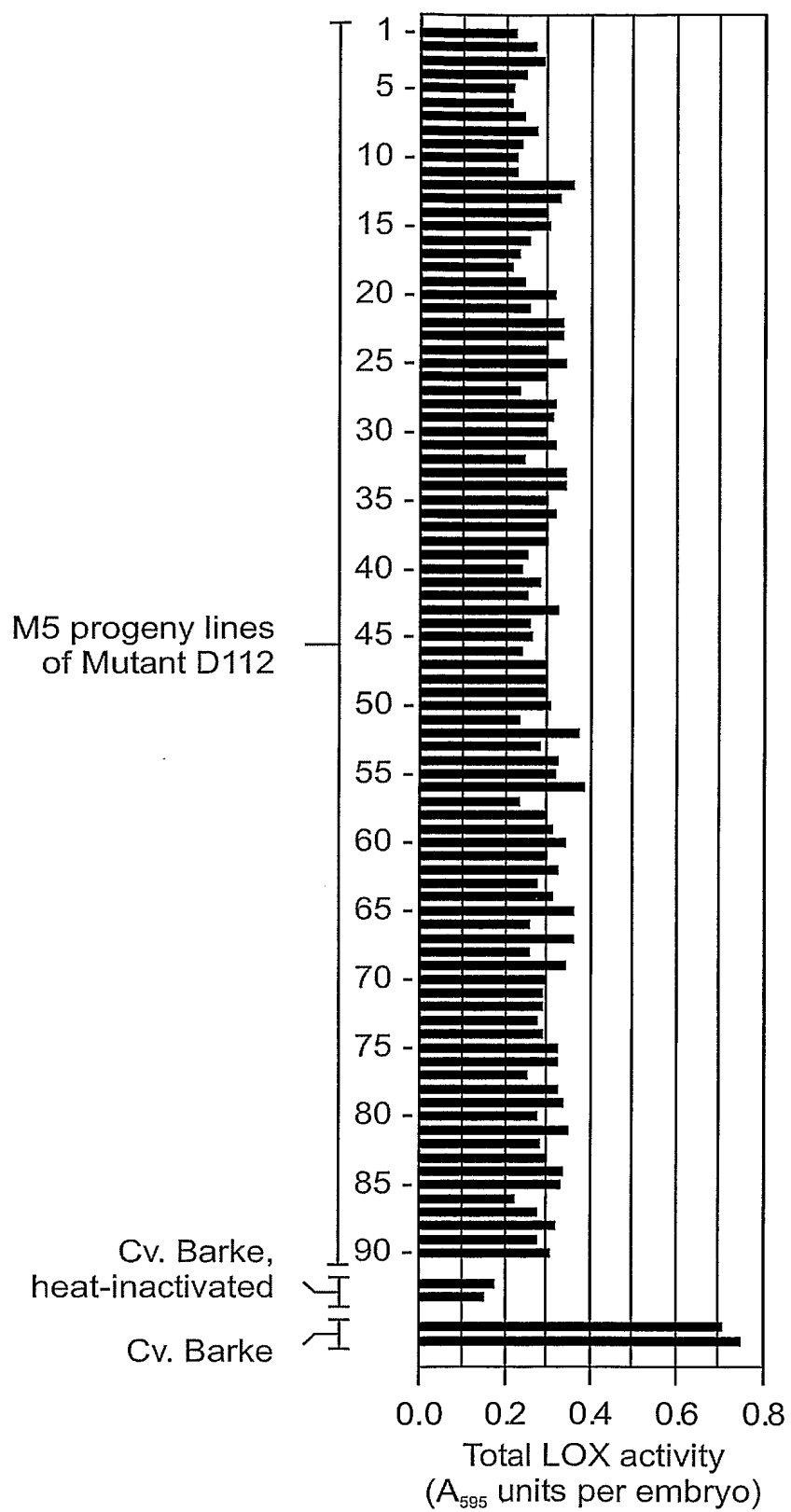


Fig. 5

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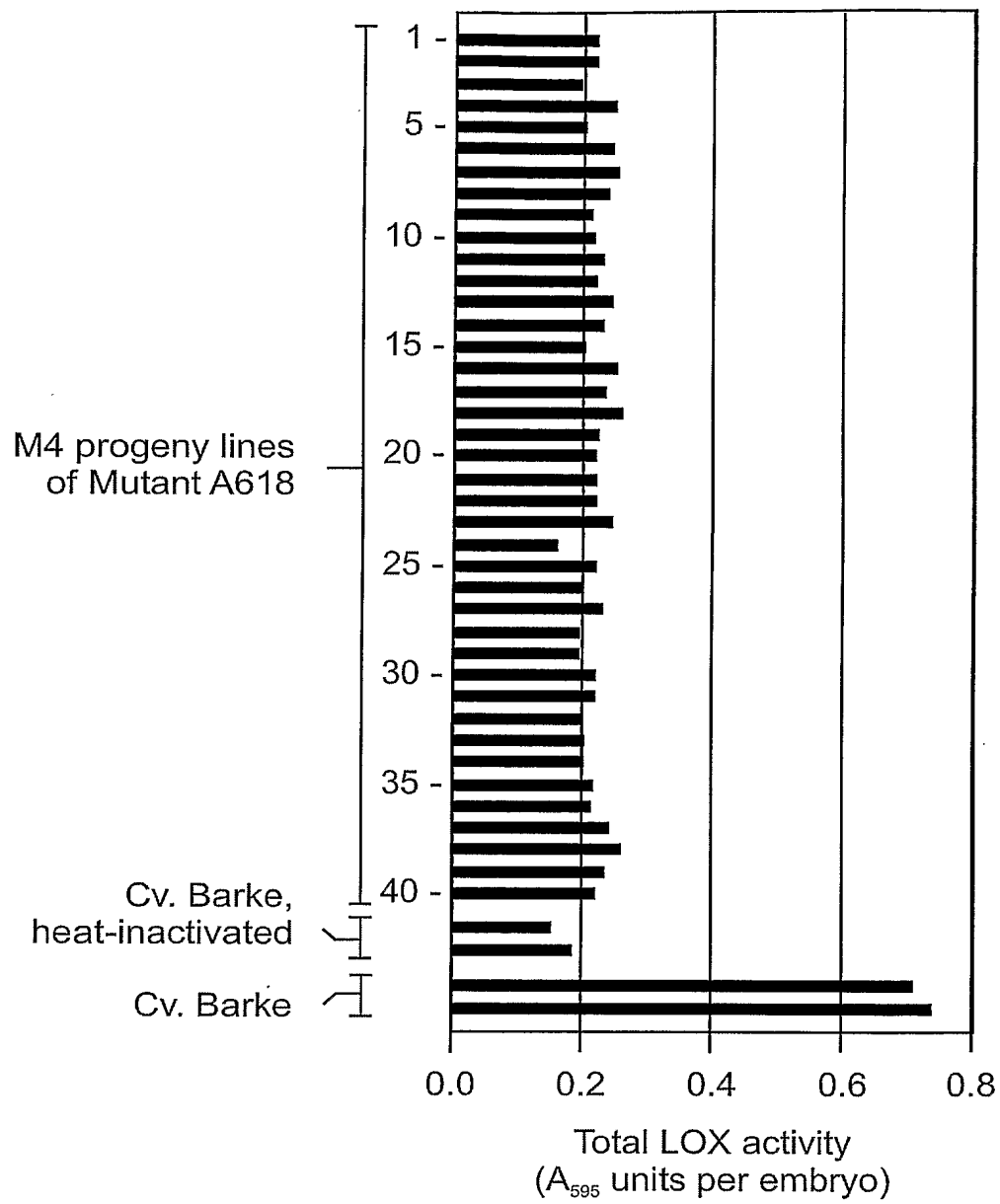


Fig. 6

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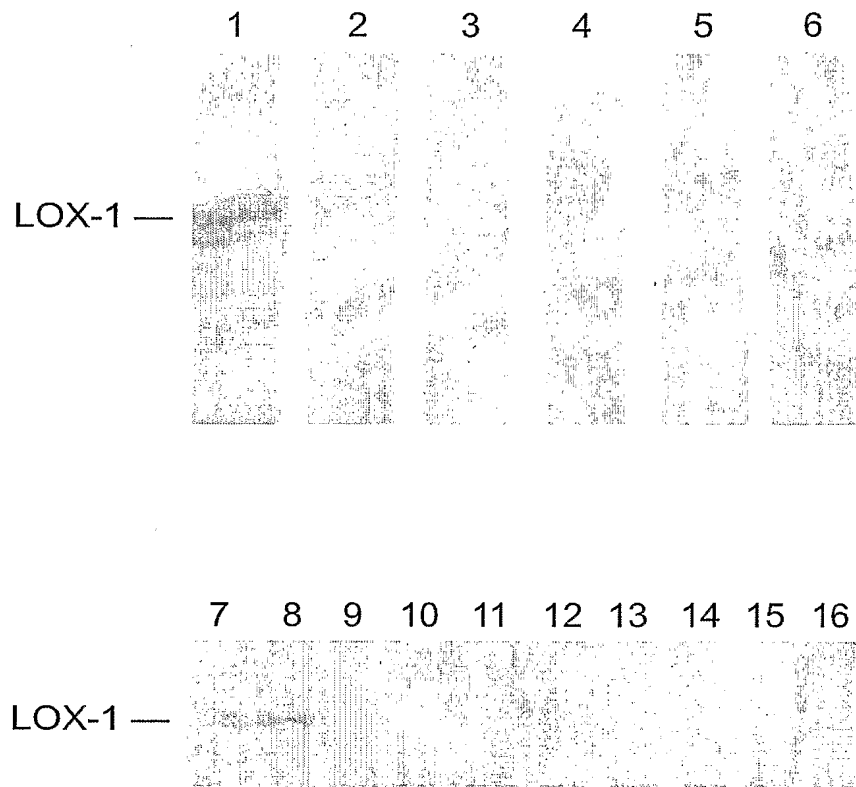


Fig. 7

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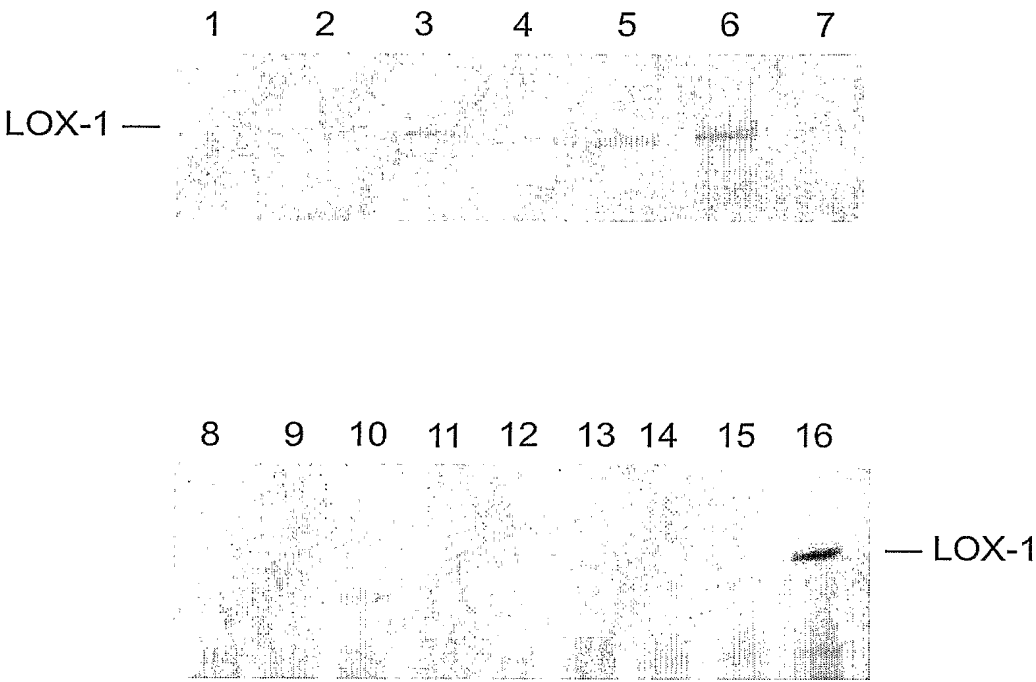


Fig. 8

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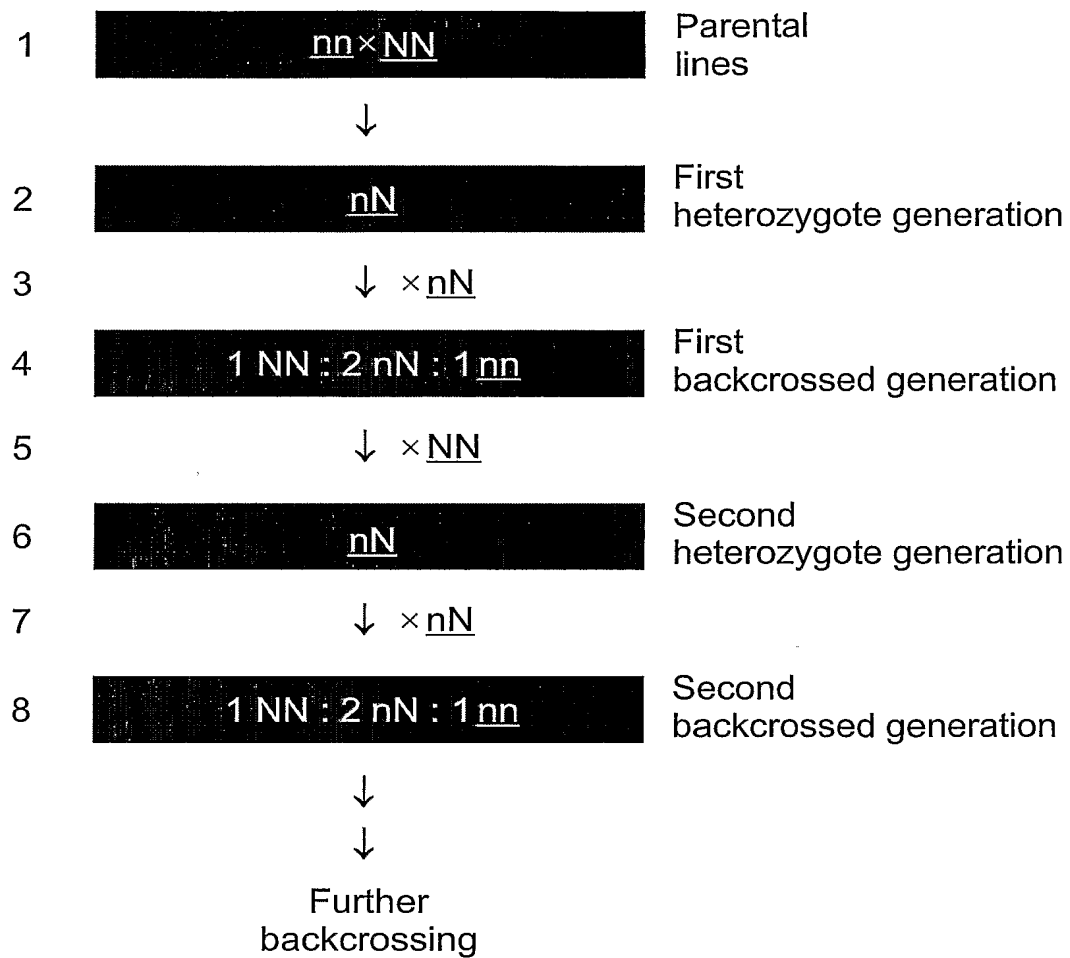


Fig. 9

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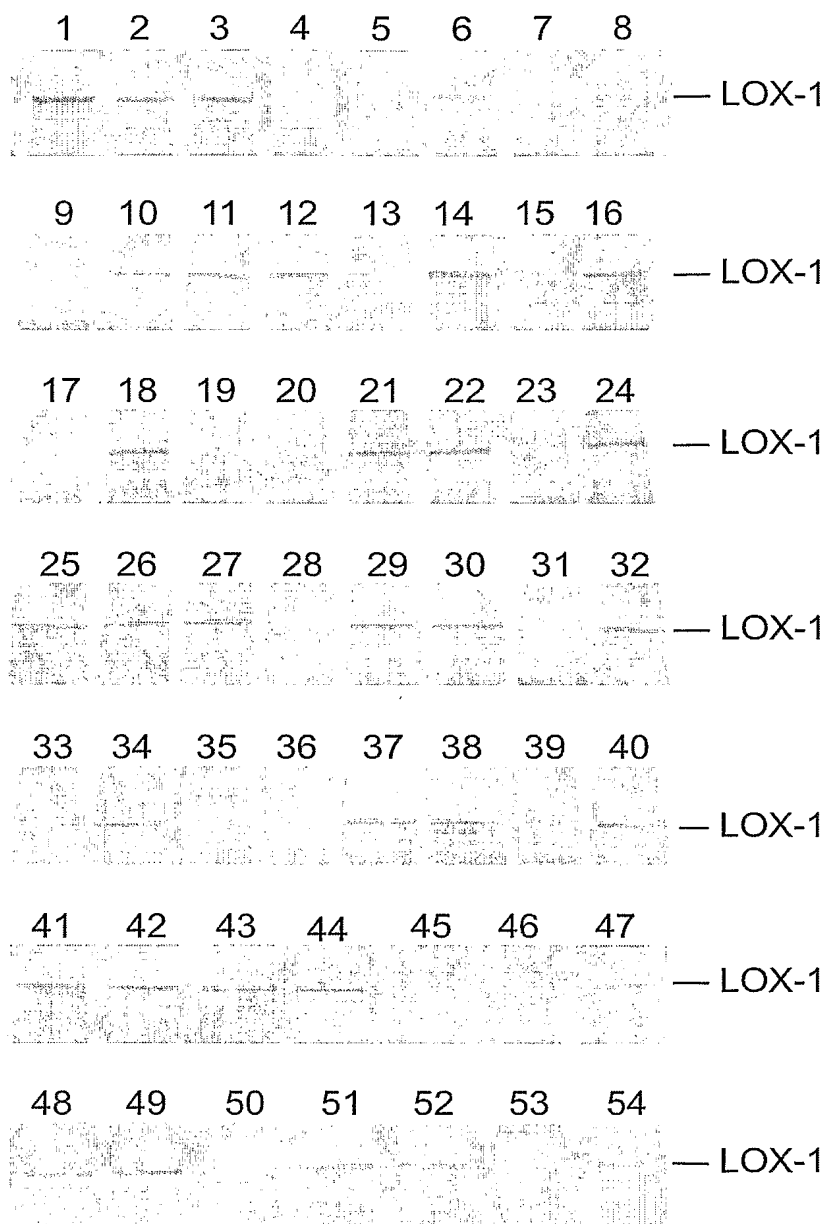


Fig. 10

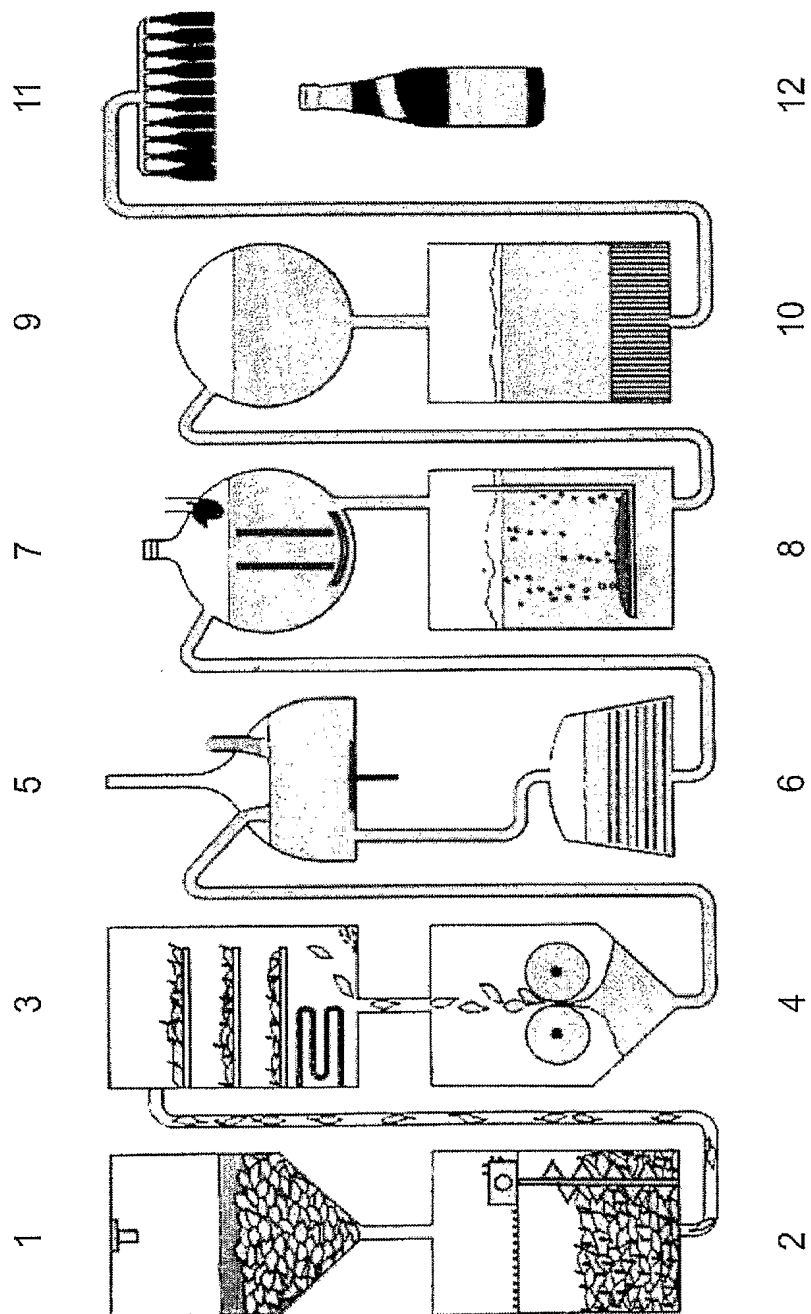


Fig. 11

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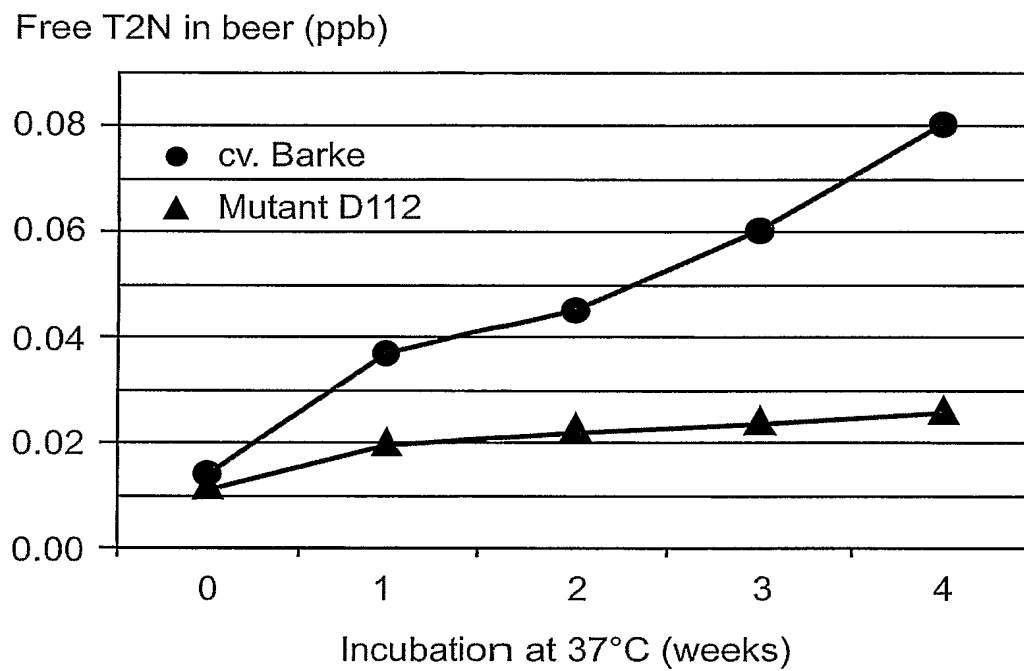


Fig. 12A

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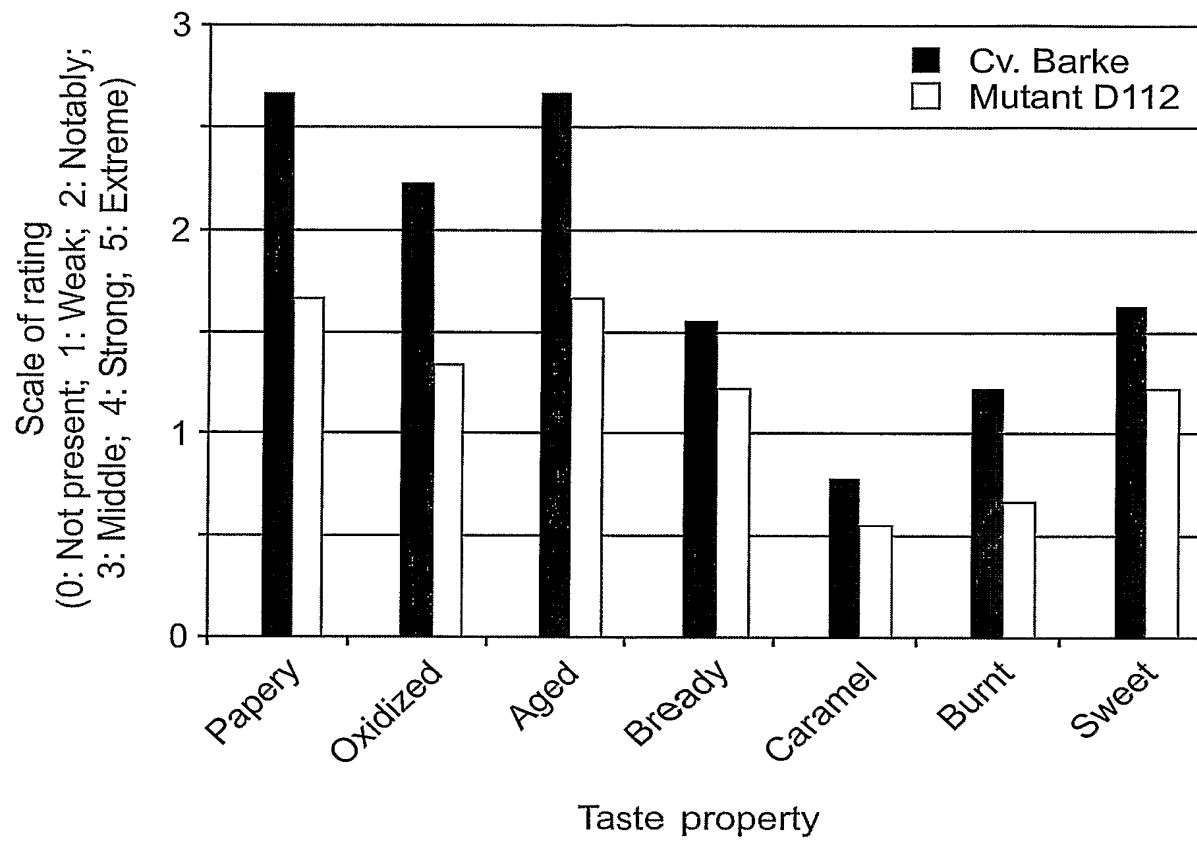


Fig. 12B

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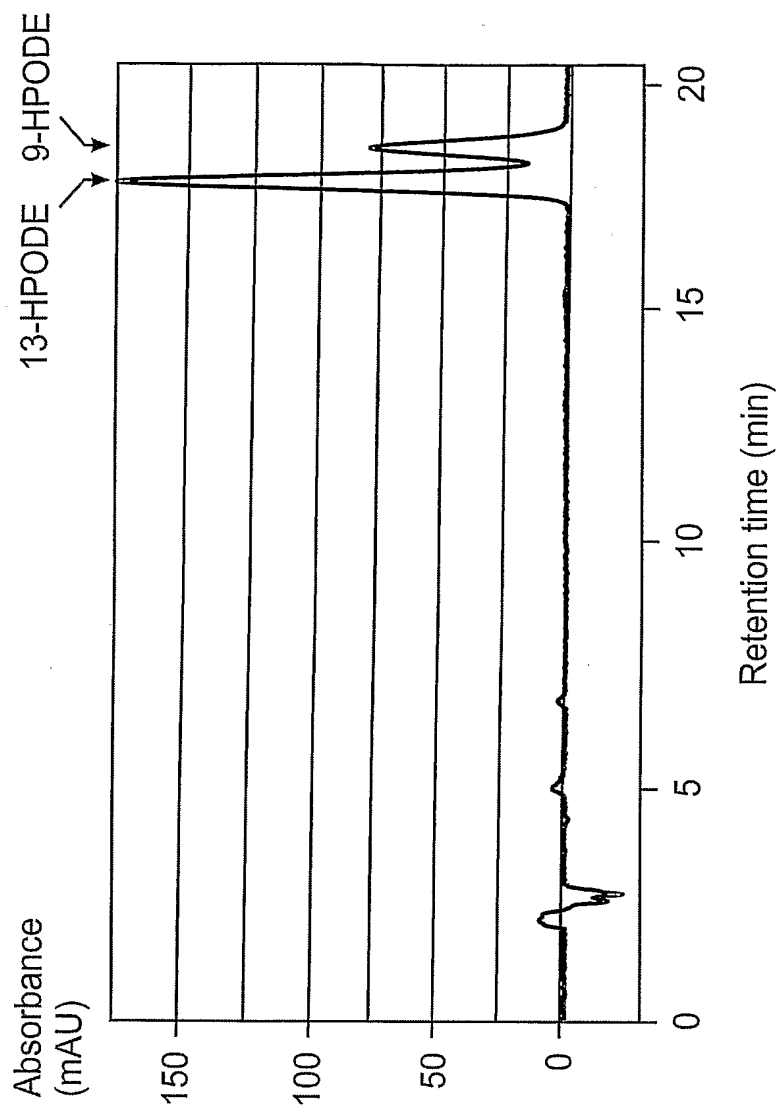


Fig. 13A

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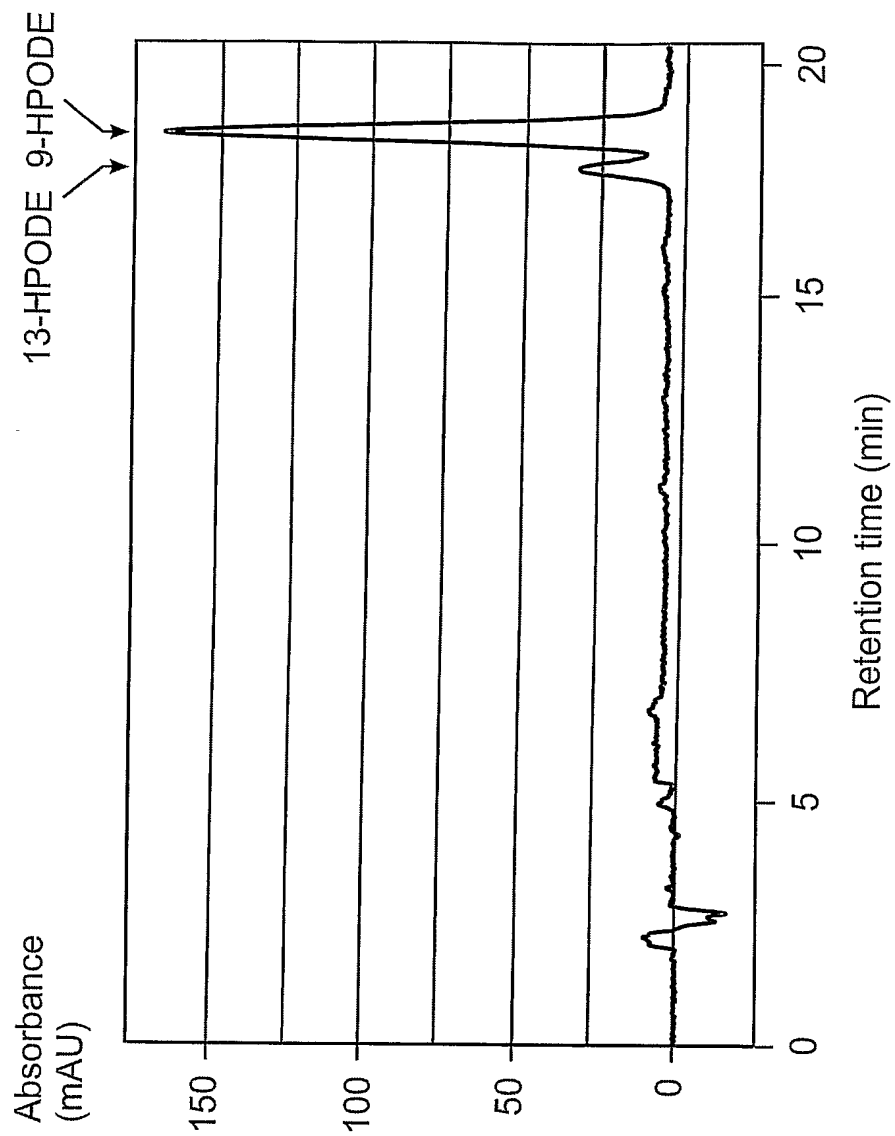


Fig. 13B

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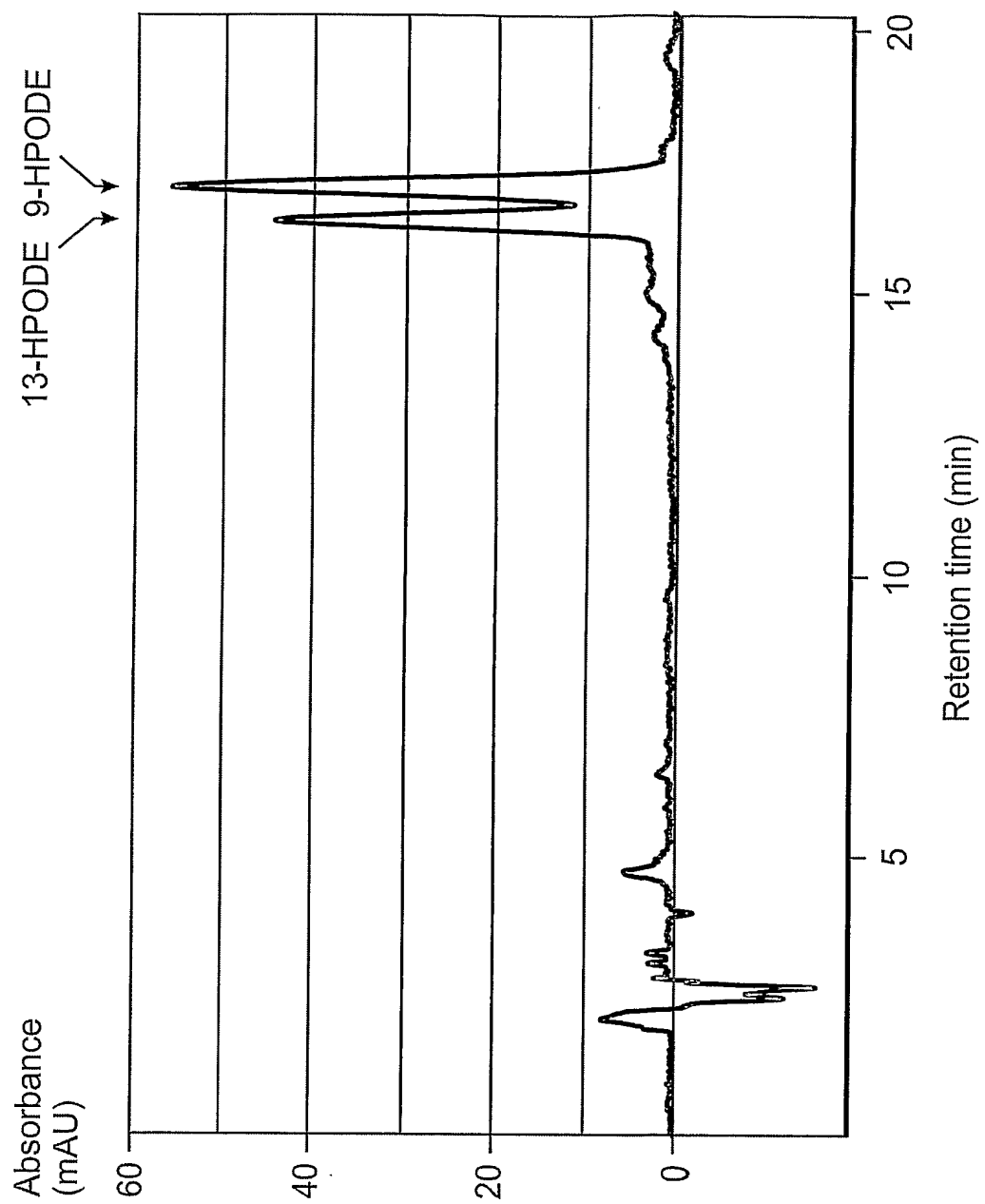


Fig. 13C

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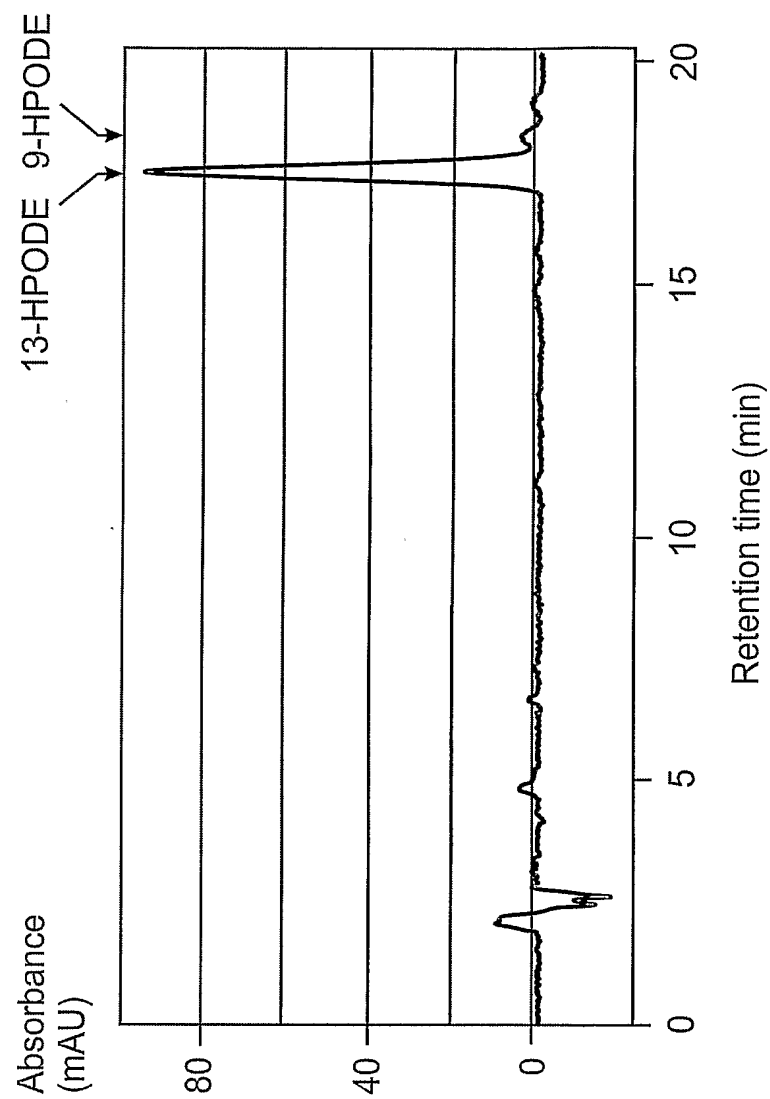


Fig. 13D

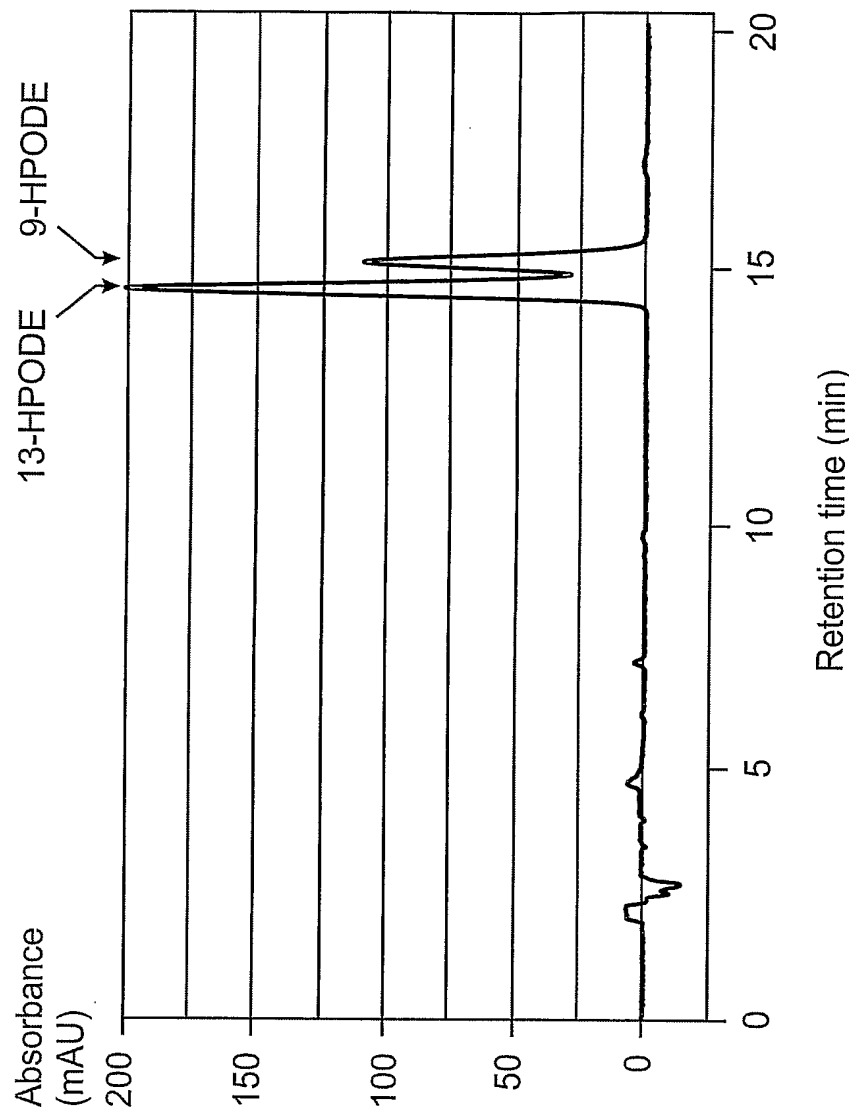


Fig. 14A

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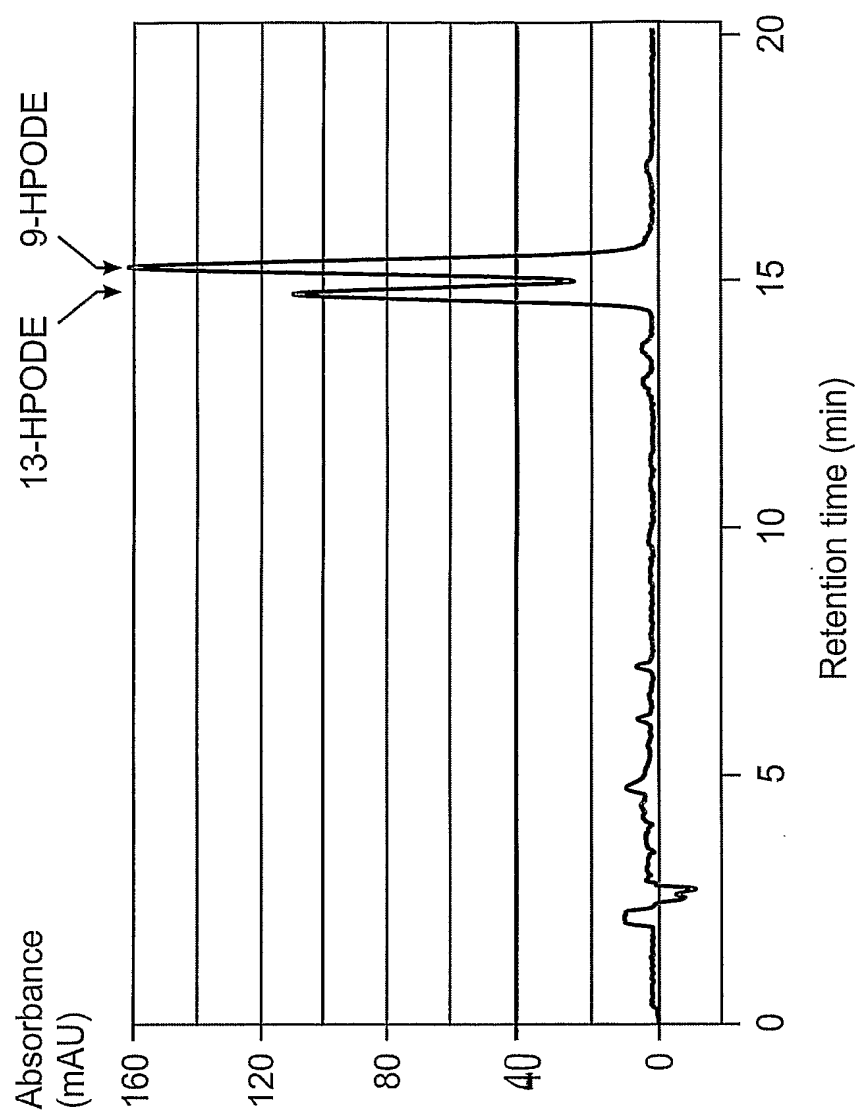


Fig. 14B

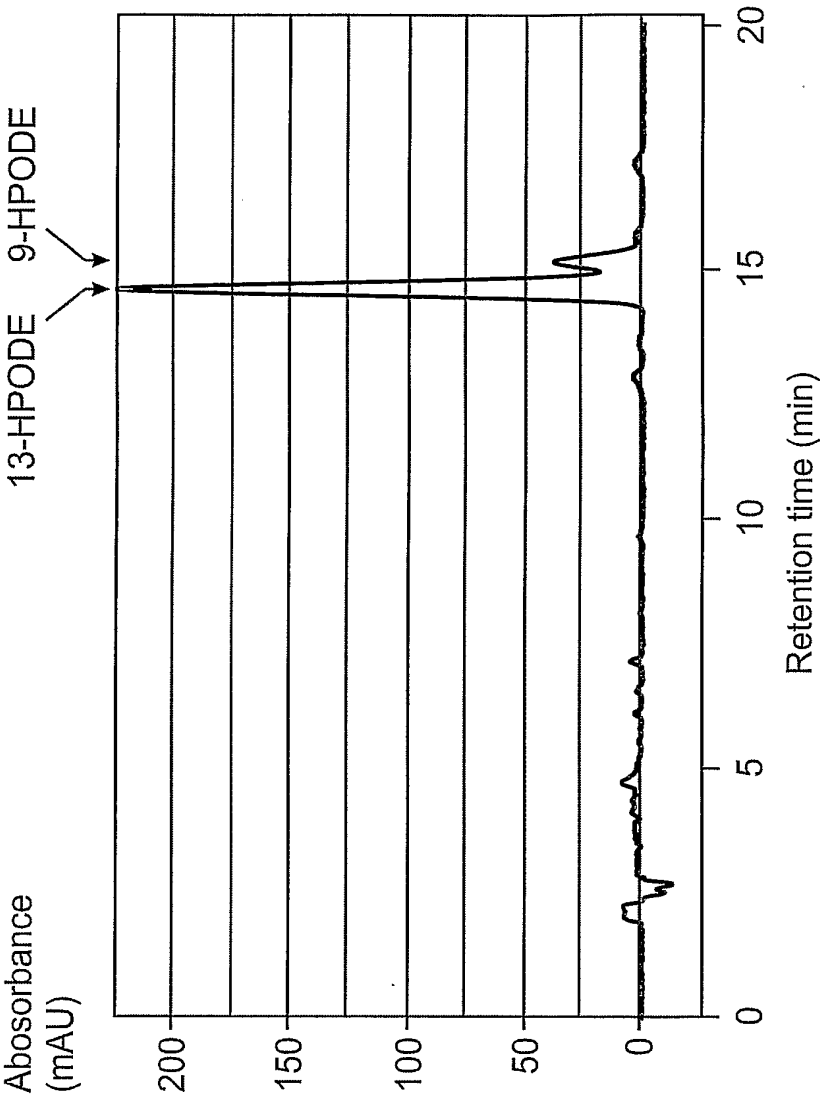


Fig. 14C

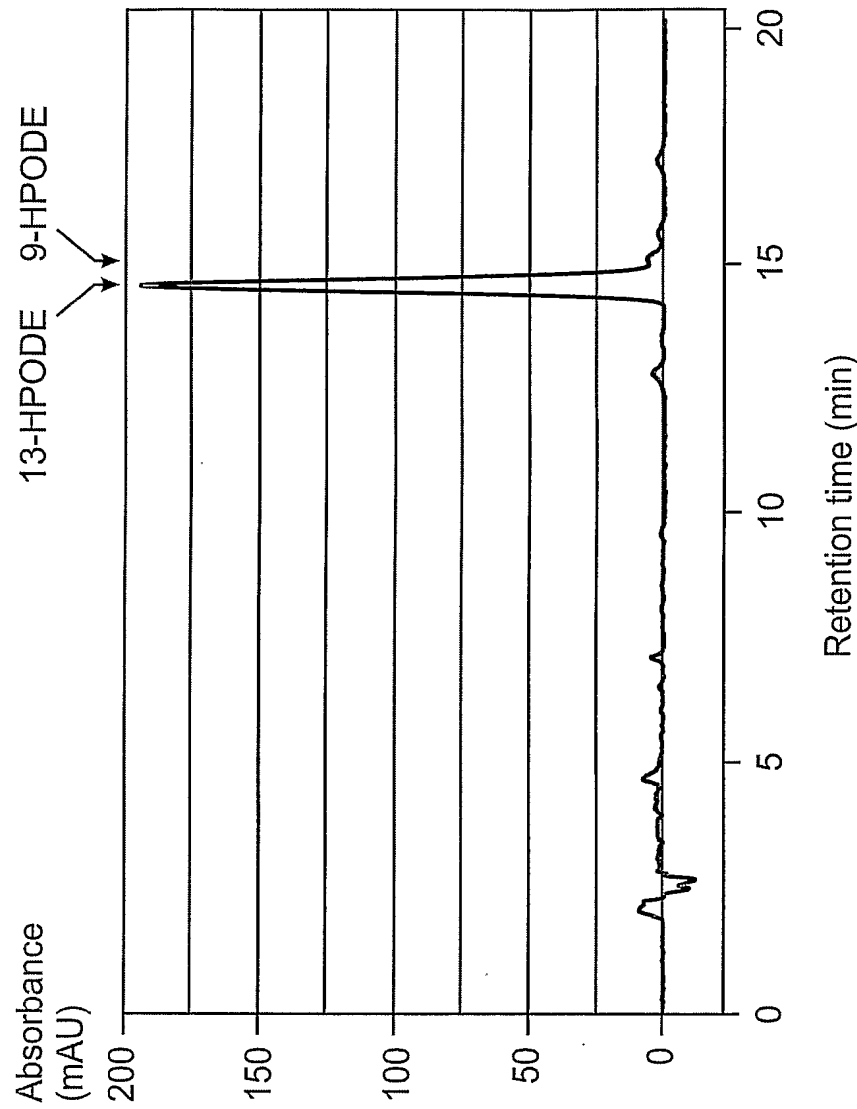


Fig. 14D

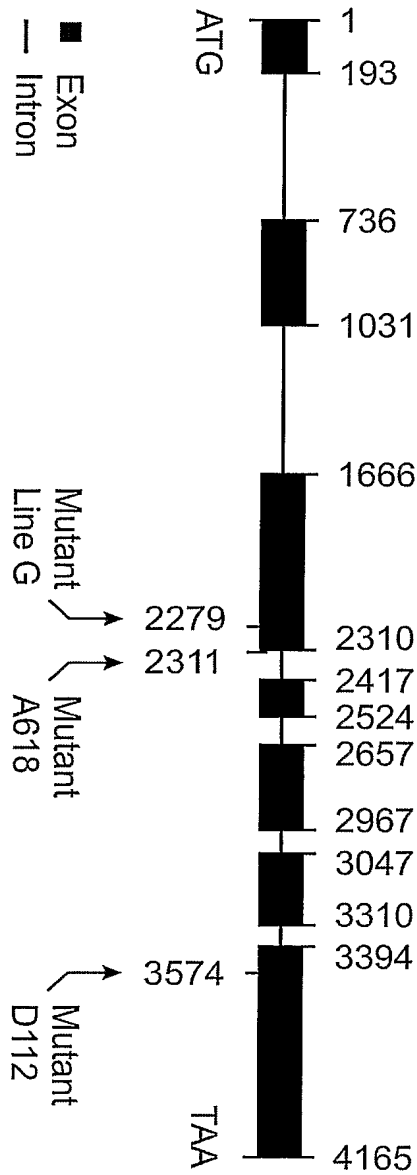


Fig. 15

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	Gene			Protein	
	Change	Position in genomic DNA	Result	Length in amino acids	Mass in kDa
Wild-type	—	—	—	862	96.4
Mutant A618	G→A	2311	RNA splicing error; translational stop	399	44.5
Mutant D112	G→A	3574	Translational stop	665	74.2

Fig. 16

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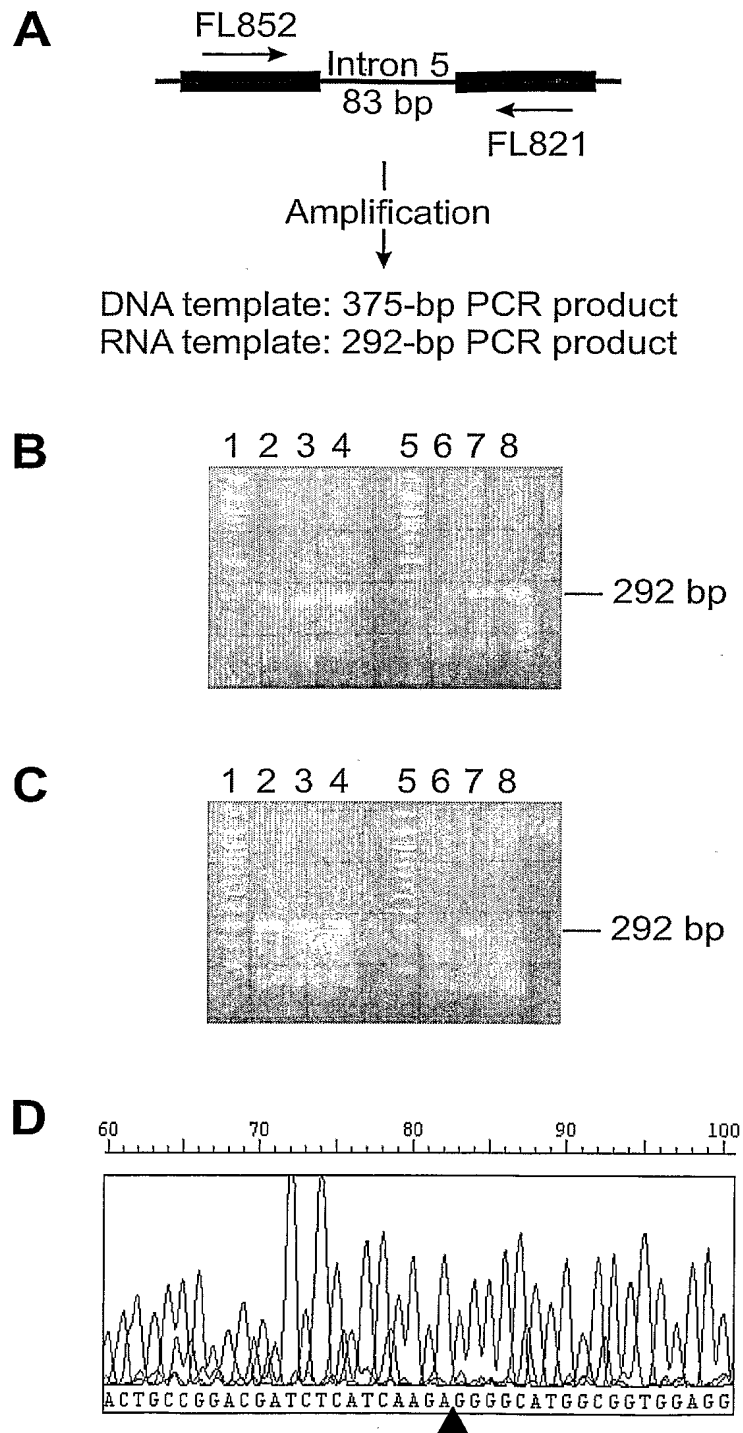


Fig. 17

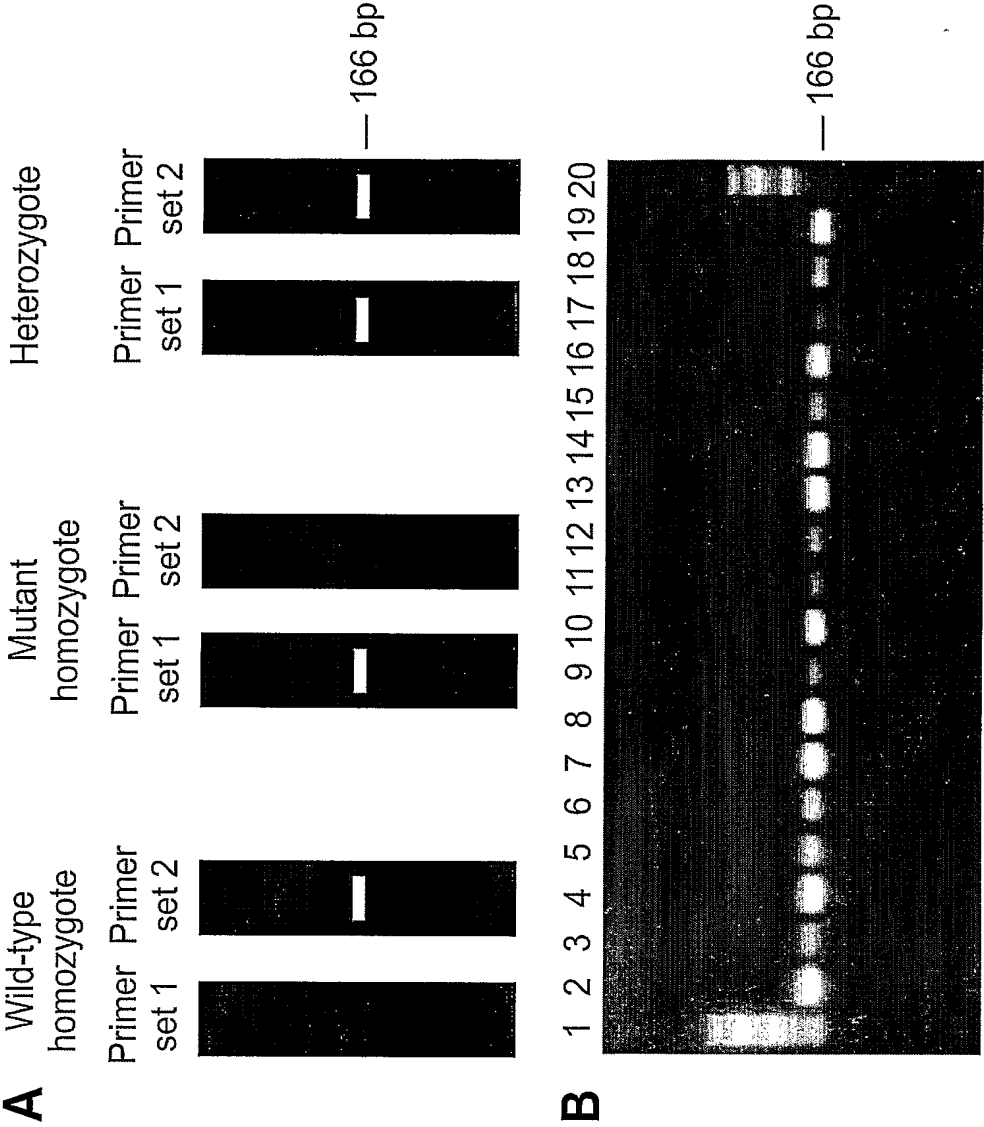


Fig. 18

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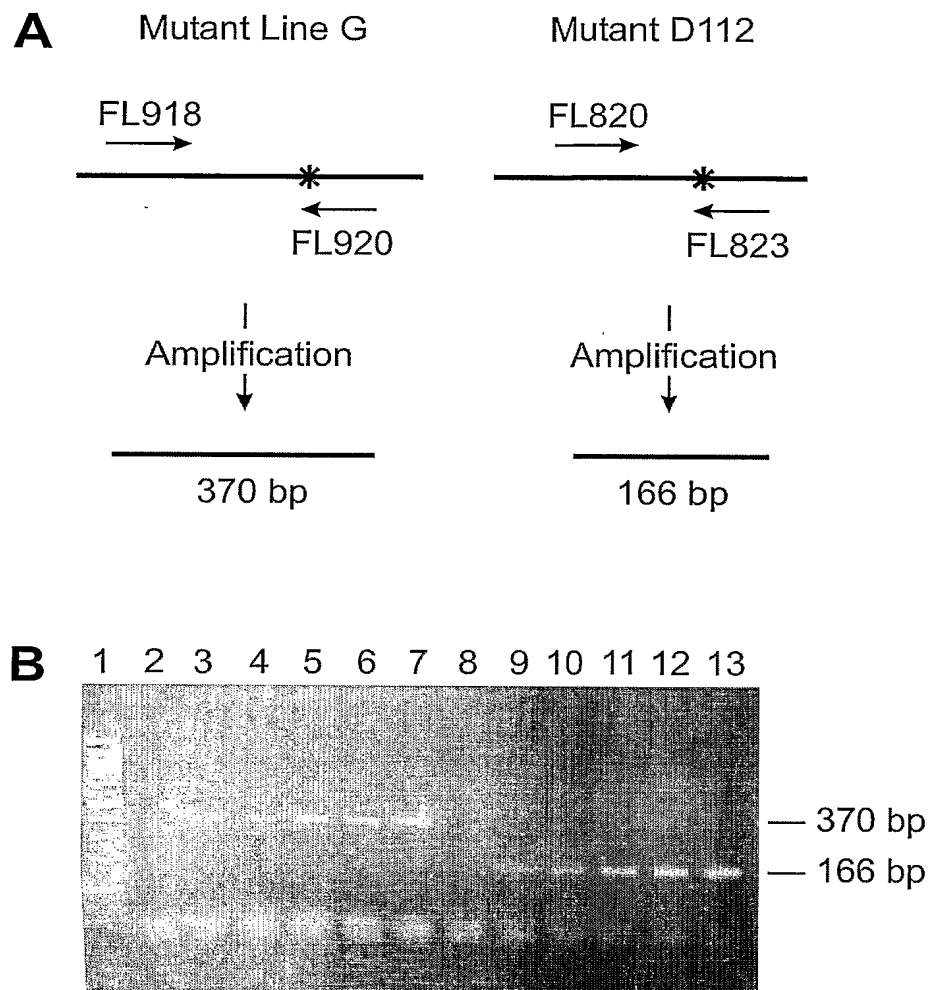


Fig. 19

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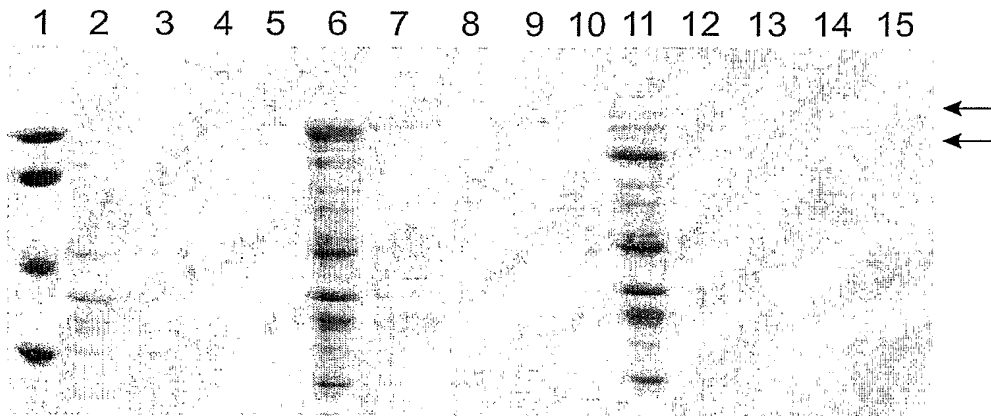


Fig. 20

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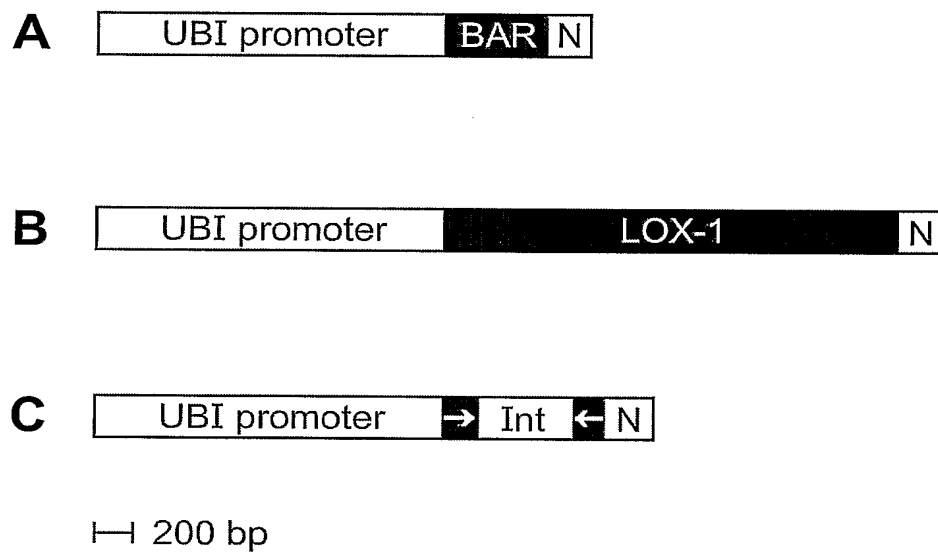
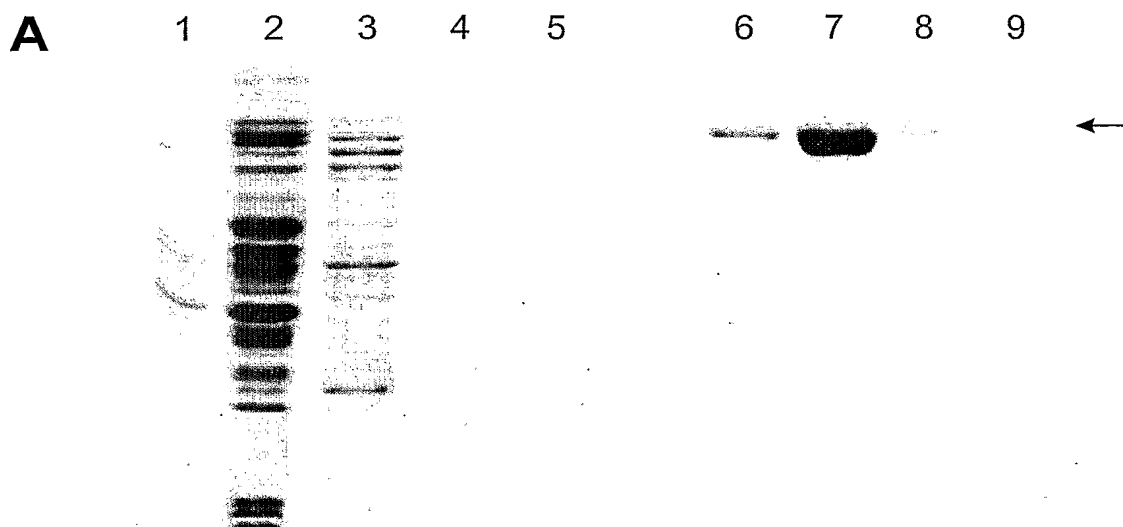


Fig. 21

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B Relative LOX-1 activity (%)

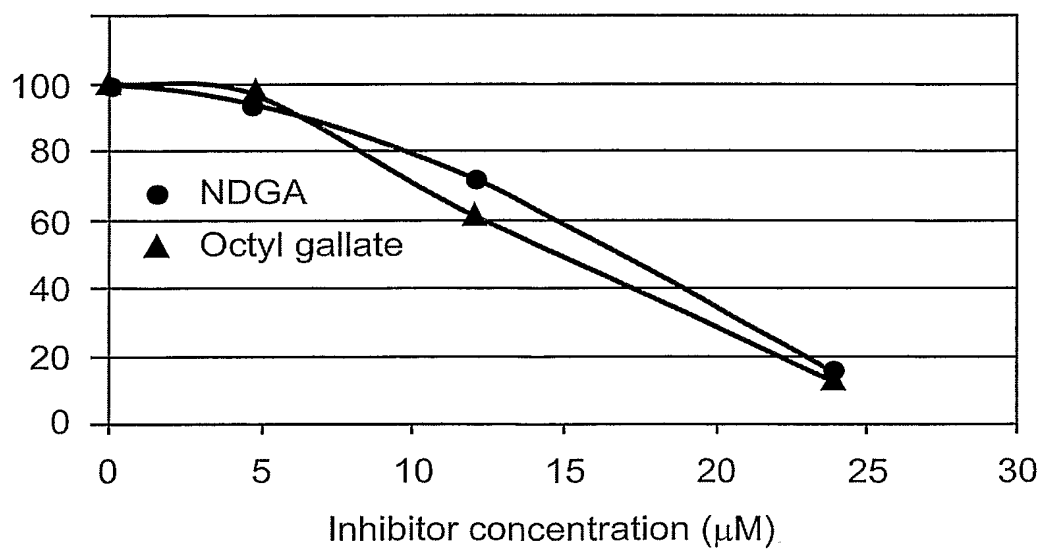


Fig. 22

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Free T2N in wort (ppb)

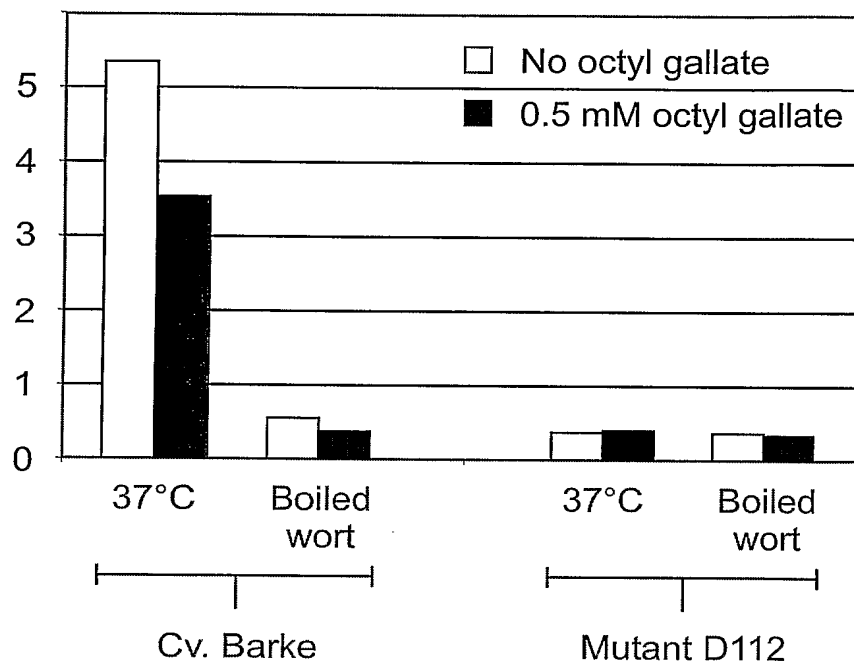


Fig. 23